

Title (en)
PRESSURE-SENSITIVE CAPACITIVE MEASUREMENT DEVICE AND METHOD FOR TOUCH-SENSITIVE AND CONTACTLESS INTERFACES

Title (de)
DRUCKEMPFINDLICHE KAPAZITIVE MESSVORRICHTUNG UND VERFAHREN FÜR EINE BERÜHRUNGSEMPFINDLICHE UND KONTAKTLOSE SCHNITTSTELLE

Title (fr)
DISPOSITIF ET PROCEDE DE MESURE CAPACITIVE SENSIBLE A LA PRESSION POUR INTERFACES TACTILES ET SANS CONTACT

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Application
EP 12819086 A 20121218

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Abstract (en)
[origin: WO2013093326A1] The present invention relates to a capacitive measurement device for control interfaces, including (i) a support plate (2) having means for attachment (4) to a control interface (3), (ii) first electrodes (5) arranged on a first surface of the support plate (2) opposite the control interface (3) and including first active electrodes (5), (iii) electronic capacitive measurement means capable of enabling the obtainment of proximity and/or contact information of objects of interest (1), and (iv) second electrodes (6, 7) arranged on a second surface of the support plate (2) facing the control interface (3) and including second active electrodes (6) connected to the electronic capacitive measurement means such as to enable the obtainment of measurements of movement and/or deformation of the support plate (2). The invention also relates to a method implemented in said device and to an apparatus.

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